

REMARKS

General Remarks

In the current and non-final Office Action, claims 1-47 were examined.

Generally, claims 1-47 were rejected.

Specifically:

Claims 1-2, 4-11, 13-28, 30-31, 33-35, and 37-42 were "rejected under 35 U.S.C. 102(e) as being anticipated by Downs et al (US 6,574,609)."

Claims 3, 12, 29, 32, 36, and 43-47 were "rejected under 35 U.S.C. 103(a) as being unpatentable over Downs et al. (US 6,574,609) as applied to claims 1-2, 4-11, 13-28, 30-31, 33-35, and 37-42 above, and further in view of Yoshida et al. (US 6,674,874)."

It is respectfully submitted that the rejections are inappropriate and unsupportable under both the facts and the law.

This "Remarks" section is divided into two additional subsections entitled: "Response to Office Action Assertions as to the Non-persuasiveness of Applicant's Arguments" and "Arguments for Patentability".

Of claims 1-47, there are seven (7) independent claims 1, 11, 17, 25, 30, 35, and 43. They are addressed below.

1
2 Response to Office Action Assertions

3 as to the Non-persuasiveness of Applicant's Arguments

4
5
6 On pages 2-4 at paragraph #1 the current Office Action reads: "The
7 applicant's arguments filed March 15, 2005 have been fully considered but they are
8 not persuasive."

9 The respective independent claims 1, 11, 17, 25, 30, 35, and 43 are
10 individually addressed in the respective subparagraphs a, b, c, d, e, f, and g of
11 paragraph #1 of the current Office Action.

12
13
14 Subparagraph a, of the current Office Action is directed to claim 1 and reads
15 as follows:

16 a. The applicant argues that the prior art does not teach Claim 1: an
17 authentication module configured to access a certificate, which indicates
18 permissible uses of the digital content file, associated with and separate from the
19 digital content file. The examiner disagrees. Downs teaches an authentication
20 module configured to access a certificate, which indicates permissible uses of the
21 digital content file, associated with and separate from the digital content file
(column 10, lines 43-50)

22 Downs et al. at column 10, lines 43-50 reads:

23 Once an Electronic Digital Content Store(s) 103 completes a valid request
24 for electronic Content 113 from an End-User(s), the Electronic Digital Content
25 Store(s) 103 is responsible for authorizing the Clearinghouse(s) 105 to release the
decryption key for the Content 113 to the customer. The Electronic Digital Content

1 Store(s) also authorizes the download of the SC containing the Content 113. The
2 Electronic Digital Content Store(s) may elect to ...

3 It is respectfully submitted that the above-quoted portion of Downs et al. fails
4 to describe and/or teach at least a **certificate, which indicates permissible uses of**
5 **the digital content file**, as recited in claim 1.

6
7 Subparagraph b. of the current Office Action is directed to claim 11 and reads
8 as follows:

9 b. The applicant argues that the prior art does not teach Claim 11:
10 associating the digital content file with a certificate that contains copyright
11 information including at least one indication regarding a permissible use of the
12 digital content file and is not a part of the digital content file. The examiner
13 disagrees. Downs teaches associating the digital content file with a certificate that
14 contains copyright information including at least one indication regarding a
15 permissible use of the digital content file and is not a part of the digital content file
16 (column 46, lines 17-43).

17 Downs et al. at column 46, lines 17-43 reads:

18 The Secure Digital Content Electronic Distribution System 100 provides
19 the ability to handle retransmissions of Content 113. This is typically performed by
20 a Customer Service Interface 184. Electronic Digital Content Store(s) 103 provides
21 a user interface that the End-User(s) can step through in order to initiate a
22 retransmission. The End-User(s) goes to the Electronic Digital Content Store(s)
23 103 site where the Content 113 item was purchased in order to request a
24 retransmission of the Content 113.

25 Retransmissions of Content 113 are done when an End-User(s) requests a
new copy of a previously purchased Content 113 item because the Content 113
could not be downloaded or the Content 113 that was downloaded is not usable.
The Electronic Digital Content Store(s) 103 determines whether the End-User(s) is
entitled to do a retransmission of the Content 113. If the End-User(s) is entitled to a
retransmission, then the Electronic Digital Content Store(s) 103 builds a

Transaction SC(s) 640 that includes the Offer SC(s) 641 of the Content 113 item(s) being retransmitted. The Transaction SC(s) 640 is sent to the End-User Device(s) 109 and the identical steps as for a purchase transaction are performed by the End-User(s). If the End-User Device(s) 109 has a scrambled key(s) in the key library for the Content 113 item(s) undergoing retransmission, then the Transaction SC(s) 640 includes information that instructs the End-User Device(s) 109 to delete the scrambled key(s).

It is respectfully submitted that the above-quoted portion of Downs et al. fails to describe and/or teach at least a **certificate that contains copyright information including at least one indication regarding a permissible use of the digital content file** as recited in claim 11.

Subparagraph c. of the current Office Action is directed to claim 17 and reads as follows:

c. The applicant argues that the prior art does not teach Claim 17: configuring the certificate file with permissible use information about the digital content file so that when the digital content file is processed, the digital content file is processed in accordance with the permissible use information contained in the certificate file. The examiner disagrees. Downs teaches configuring the certificate file with permissible use information about the digital content file so that when the digital content file is processed, the digital content file is processed in accordance with the permissible use information contained in the certificate file (column 10, lines 43-50)

Downs et al. at column 10, lines 43-50 reads:

Once an Electronic Digital Content Store(s) 103 completes a valid request for electronic Content 113 from an End-User(s), the Electronic Digital Content Store(s) 103 is responsible for authorizing the Clearinghouse(s) 105 to release the decryption key for the Content 113 to the customer. The Electronic Digital Content Store(s) also authorizes the download of the SC containing the Content 113. The Electronic Digital Content Store(s) may elect to ...

1 It is respectfully submitted that the above-quoted portion of Downs et al. fails
2 to describe and/or teach at least **configuring the certificate file with permissible**
3 **use information about the digital content file** as recited in claim 17.

4
5
6 Subparagraph d. of the current Office Action is directed to claim 25 and reads
7 as follows:

8 d. The applicant argues that the prior art does not teach Claim 25: if the
9 watermark signal is detected, attempting to locate a certificate associated with the
10 digital content file, the certificate including copyright information having at least
11 one indication regarding a permissible use of the digital content file. The examiner
12 disagrees. Downs teaches if the watermark signal is detected, attempting to locate a
13 certificate associated with the digital content file, the certificate including
14 copyright information having at least one indication regarding a permissible use of
15 the digital content file (column 46, lines 17-43).

16 Downs et al. at column 46, lines 17-43 reads:

17 The Secure Digital Content Electronic Distribution System 100 provides
18 the ability to handle retransmissions of Content 113. This is typically performed by
19 a Customer Service Interface 184. Electronic Digital Content Store(s) 103 provides
20 a user interface that the End-User(s) can step through in order to initiate a
21 retransmission. The End-User(s) goes to the Electronic Digital Content Store(s)
22 103 site where the Content 113 item was purchased in order to request a
23 retransmission of the Content 113.

24 Retransmissions of Content 113 are done when an End-User(s) requests a
25 new copy of a previously purchased Content 113 item because the Content 113
could not be downloaded or the Content 113 that was downloaded is not usable.
The Electronic Digital Content Store(s) 103 determines whether the End-User(s) is
entitled to do a retransmission of the Content 113. If the End-User(s) is entitled to a
retransmission, then the Electronic Digital Content Store(s) 103 builds a
Transaction SC(s) 640 that includes the Offer SC(s) 641 of the Content 113 item(s)
being retransmitted. The Transaction SC(s) 640 is sent to the End-User Device(s)

109 and the identical steps as for a purchase transaction are performed by the End-User(s). If the End-User Device(s) 109 has a scrambled key(s) in the key library for the Content 113 item(s) undergoing retransmission, then the Transaction SC(s) 640 includes information that instructs the End-User Device(s) 109 to delete the scrambled key(s).

It is respectfully submitted that the above-quoted portion of Downs et al. fails to describe and/or teach at least the certificate including copyright information having at least one indication regarding a permissible use of the digital content file as recited in claim 25.

Subparagraph e. of the current Office Action is directed to claim 30 and reads as follows:

e. The applicant argues that the prior art does not teach Claim 30: the certificate containing copyright information including at least one indication regarding a permissible use of the digital content file. The examiner disagrees. Downs teaches the certificate containing copyright information including at least one indication regarding a permissible use of the digital content file (column 46, lines 17-43).

Downs et al. at column 46, lines 17-43 reads:

The Secure Digital Content Electronic Distribution System 100 provides the ability to handle retransmissions of Content 113. This is typically performed by a Customer Service Interface 184. Electronic Digital Content Store(s) 103 provides a user interface that the End-User(s) can step through in order to initiate a retransmission. The End-User(s) goes to the Electronic Digital Content Store(s) 103 site where the Content 113 item was purchased in order to request a retransmission of the Content 113.

Retransmissions of Content 113 are done when an End-User(s) requests a new copy of a previously purchased Content 113 item because the Content 113 could not be downloaded or the Content 113 that was downloaded is not usable. The Electronic Digital Content Store(s) 103 determines whether the End-User(s) is

entitled to do a retransmission of the Content 113. If the End-User(s) is entitled to a retransmission, then the Electronic Digital Content Store(s) 103 builds a Transaction SC(s) 640 that includes the Offer SC(s) 641 of the Content 113 item(s) being retransmitted. The Transaction SC(s) 640 is sent to the End-User Device(s) 109 and the identical steps as for a purchase transaction are performed by the End-User(s). If the End-User Device(s) 109 has a scrambled key(s) in the key library for the Content 113 item(s) undergoing retransmission, then the Transaction SC(s) 640 includes information that instructs the End-User Device(s) 109 to delete the scrambled key(s).

It is respectfully submitted that the above-quoted portion of Downs et al. fails to describe and/or teach at least the certificate containing copyright information including at least one indication regarding a permissible use of the digital content file as recited in claim 30.

Subparagraph f. of the current Office Action is directed to claim 35 and reads as follows:

f. The applicant argues that the prior art does not teach Claim 35: if the watermark is detected, attempting to locate a certificate that is associated with the digital content file, the certificate containing instructions regarding the digital content file . . . wherein the watermark only indicates the existence of the certificate. The examiner disagrees. Downs teaches if the watermark is detected, attempting to locate a certificate that is associated with the digital content file, the certificate containing instructions regarding the digital content file . . . wherein the watermark only indicates the existence of the certificate (column 10, lines 43-50 and column 7, line 35-column 8, line 29).

Downs et al. at column 10, lines 43-50 reads:

Once an Electronic Digital Content Store(s) 103 completes a valid request for electronic Content 113 from an End-User(s), the Electronic Digital Content Store(s) 103 is responsible for authorizing the Clearinghouse(s) 105 to release the decryption key for the Content 113 to the customer. The Electronic Digital Content

1 Store(s) also authorizes the download of the SC containing the Content 113. The
2 Electronic Digital Content Store(s) may elect to ...

3 Downs et al. at column 7, line 35 to column 8, line 29 reads:

4 Licensing authorization and control are implemented through the use of a
5 Clearinghouse(s) entity and Secure Container (SC) technology. The
6 Clearinghouse(s) provides licensing authorization by enabling intermediate or End-
7 User(s) to unlock content after verification of a successful completion of a
8 licensing transaction. Secure Containers are used to distribute encrypted content
9 and information among the system components. A SC is a cryptographic carrier of
10 information or content that uses encryption, digital signatures, and digital
11 certificates to provide protection against unauthorized interception or modification
12 of electronic information and content. It also allows for the verification of the
13 authenticity and integrity of the Digital Content. The advantage of these rights
14 management functions is that the electronic Digital Content distribution
15 infrastructure does not have to be secure or trusted. Therefore transmission over
16 network infrastructures such as the Web and Internet. This is due to the fact that
17 the Content is encrypted within Secure Containers and its storage and distribution
18 are separate from the control of its unlocking and use. Only users who have
19 decryption keys can unlock the encrypted Content, and the Clearinghouse(s)
20 releases decryption keys only for authorized and appropriate usage requests. The
21 Clearinghouse(s) will not clear bogus requests from unknown or unauthorized
22 parties or requests that do not comply with the content's usage conditions as set by
23 the content proprietors. In addition, if the SC is tampered with during its
24 transmission, the software in the Clearinghouse(s) determines that the Content in a
25 SC is corrupted or falsified and repudiate the transaction.

26 The control of Content usage is enabled through the End-User Player
27 Application 195 running on an End-User Device(s). The application embeds a
28 digital code in every copy of the Content that defines the allowable number of
29 secondary copies and play backs. Digital watermarking technology is used to
30 generate the digital code, to keep it hidden from other End-User Player Application
31 195, and to make it resistant to alteration attempts. *When the Digital Content is
32 accessed in a compliant End-User Device(s), the End-User Player Application 195
33 reads the watermark to check the use restrictions and updates the watermark as*

1 required. If the requested use of the content does not comply with the usage
2 conditions, e.g., the number of copies has been exhausted, the End-User Device(s)
will not perform the request.

3 *Digital watermarking also provides the means to identify the origin of*
4 *authorized or unauthorized copies of Content. An initial watermark in the Content*
5 *is embedded by the content proprietor to identify the content proprietor, specify*
6 *copyright information, define geographic distribution areas, and add other*
7 *pertinent information. A second watermark is embedded in the Content at the End-*
8 *User Device(s) to identify the content purchaser (or licensee) and End-User*
9 *Device(s), specify the purchase or license conditions and date, and add any other*
10 *pertinent information.*

11 Since watermarks become an integral part of the Content, they are carried
12 in the copies independent of whether the copies were authorized or not. Thus the
13 Digital Content always contains information regarding its source and its permitted
14 use regardless of where the content resides or where it comes from. This
15 information may be used to combat illegal use of the Content.

16 *(italicized emphasis above added by Applicant's representative)*

17 It is respectfully submitted that the above-quoted portions of Downs et al. fail
18 to describe and/or teach at least the certificate containing instructions regarding
19 the digital content file [and] wherein the watermark only indicates the existence
20 of the certificate as recited in claim 35. Furthermore, it is respectfully submitted
21 that especially the italicized parts actually teach away from wherein the watermark
22 only indicates the existence of the certificate as recited in claim 35.

23 Subparagraph g. of the current Office Action is directed to claim 43 and reads
24 as follows:

25 g. The applicant argues that the prior art does not teach Claim 43: wherein
the 1-bit watermark indicatez the presence of a certificate associated with the
digital content, the certificate containing copyright information including at least
one indication regarding a permissible use of the digital content and being stored

1 apart from the digital content. The examiner disagrees. Downs teaches wherein the
2 1-bit watermark indicates the presence of a certificate associated with the digital
3 content, the certificate containing copyright information including at least one
4 indication regarding a permissible use of the digital content and being stored apart
5 from the digital content. Downs discloses digital watermarks being embedded in
6 digital content file without specific details regarding 1-bit watermark. In the same
7 field of endeavor, however, Yoshida discloses a digital watermark embedding
8 system comprising the step of embedding 1-bit watermark (column 1, lines 38-52).
9 Therefore, it would have been obvious to one having ordinary skill in the art at the
10 time the invention was made to embed 1-bit watermark as taught by Yoshida in the
11 system of Downs because it provides a digital watermark technique for integratedly
12 managing a plurality of kinds of contents such as still images, motion images,
13 audio, sound.

14 Yoshida et al. at column 1, lines 38-52 reads:

15 According to a method of using the Fourier transformation, a PN line is
16 added to input contents and the resultant contents are diffused and, thereafter,
17 divided into blocks. The Fourier transformation is performed every block and
18 digital watermark information of 1 bit is embedded into one block. A reverse
19 Fourier transformation is performed to the block in which the digital watermark
20 information was embedded and the same PN line as that used at the first stage is
21 again added to the resultant contents, so that the contents in which the digital
22 watermark was embedded is derived. A detailed technique of the above method has
23 been disclosed in, for example, Onishi, Oka, and Matsui, "Method of Watermark
24 Signature into Image by PN line", Records of Symposium about Encryption and
25 Information Security, SCIS 97-26B, 1997.

26 It is respectfully submitted that Downs et al. and/or Yoshida et al., including
27 the above-quoted portions of both, fail to individually or jointly describe and/or
28 teach at least wherein the 1-bit watermark indicates the presence of a certificate
29 associated with the digital content, the certificate containing copyright
30 information including at least one indication regarding a permissible use of the
31 digital content as recited in claim 43.

1 Although Yoshida et al. does appear to mention the existence of a 1-bit digital
2 watermark, there are at least two deficiencies with asserting that a combination of
3 Downs et al. and Yoshida et al. renders claim 43 obvious, even assuming, *arguendo*,
4 that any such combination is possible. First, there is no teaching in either reference
5 as to how to use such a 1-bit watermark with the secure electronic content
6 management system of Downs et al. In other words, there is no motivation (or at
7 best insufficient motivation) to combine the two references and/or to modify Downs
8 et al. such that the claimed invention taken as a whole is rendered obvious.

9 Second, Downs et al. actually teaches against using a 1-bit digital watermark
10 inasmuch as the watermarks of Downs et al. are expressly intended to perform a
11 number of functions in accordance with their intended purpose. For example, as
12 reproduced above with regard to subparagraph f., "An initial watermark in the
13 Content is embedded by the content proprietor to identify the content proprietor,
14 specify copyright information, define geographic distribution areas, and add other
15 pertinent information. A second watermark is embedded in the Content at the End-
16 User Device(s) to identify the content purchaser (or licensee) and End-User
17 Device(s), specify the purchase or license conditions and date, and add any other
18 pertinent information." (Downs et al., Column 8, Lines 13-22.) Thus, the functions
19 and purposes of watermarking in Downs et al. are destroyed and/or rendered
20 inoperable by substituting the 1-bit watermark that is mentioned in Yoshida et al.

21
22
23 Consequently, in light of the above responses, it is respectfully submitted that
24 the independent claims 1, 11, 17, 25, 30, 35, and 43 are allowable over the art and
25 rejections of record.

1
2 Arguments for Patentability

3
4
5 I. It is respectfully submitted that no art of record (including Downs et
6 al. and/or Yoshida et al.), either alone or in any combination, anticipates or renders
7 obvious claims 1-43.

8
9 A. For example, (i) the secure container (SC) of Downs et al.
10 includes usage conditions, but (ii) the certificate of Downs et al. does not
11 include any such usage conditions.

12 It is respectfully noted that the current Office Action does not appear
13 to have cited to any portion(s) of Downs et al. (or Yoshida et al.) that
14 contradict the statements in the following paragraph.

15 The usage conditions of Downs et al. are separate from the
16 certificate(s) of Downs et al. as indicated by the portions of Downs et al. that
17 are cited and quoted below:

18
19 1. Downs et al. reads at column 15, lines 21-24, in
20 pertinent part:

21 "And Usage Conditions 206 for content licensing management as
22 described below. *The SC(s) 200 comprises Usage Conditions 206...*"

23 (emphasis added)
24
25

1 2. Downs et al. reads at column 11, line 64 to column 12,
2 line 9, in pertinent part:

3 "The End-User Device(s) 109 manages the download and storage
4 of the SCs containing the Digital Content; requests and manages receipt of
5 the encrypted Digital Content keys from the Clearinghouse(s) 105;
6 processes the watermark(s) every time the Digital Content is copied or
7 played; manages the number of copies made (or deletion of the copy) in
8 accordance with the Digital Content's Usage Conditions; and performs the
9 copy to an external media or portable consumer device if permitted. The
10 portable consumer device can perform a subset of the End-User Player
11 Application 195 functions *in order to process the content's Usage*
12 *Conditions embedded in the watermark.*"

13 (emphasis added)

14 3. Downs et al. reads at column 14, lines 41-49, in
15 pertinent part:

16 "A digital certificate is used to authenticate or verify the identity
17 of a person or entity that has sent a digitally signed message. A certificate
18 is a digital document issued by a certification authority that binds a public
19 key to a person or entity. The certificate includes the public key, the name
20 of the person or entity, an expiration date, the name of the certification
21 authority, and other information. The certificate also contains the digital
22 signature of the certification authority."

23 4. Downs et al. reads at column 28, line 63 to column 29,
24 line 12, in pertinent part:

25 "Clearinghouse(s) Certificate(s)--A certificate from a certification
authority or from the Clearinghouse(s) 105 that contains the signed Public
Key 621 of the Clearinghouse(s) 105. There may be more than one
certificate, in which case a hierarchical level structure is used with the

1 highest level certificate containing the public key to open the next lowest
2 level certificate is reached which contains the Public Key 621 of the
3 Clearinghouse(s) 105.

4 Certificate(s)—A certificate from a certification authority or from
5 the Clearinghouse(s) 105 that contains the signed Public Key 621 of the
6 entity that created the SC(s). There may be more than one certificate, in
7 which case a hierarchical level structure is used with the highest level
8 certificate containing the public key to open the next level certificate, and
9 so on, until the lowest level certificate is reached which contains the public
10 key of the SC(s) creator.”

11 5. Downs et al. reads at column 11, lines 18-24, in
12 pertinent part:

13 “Once these verifications are satisfied, the Clearinghouse(s) 105
14 sends the decryption key for the Content 113 to the requesting End-User(s)
15 packed in a License SC. The key is encrypted in a manner so that only the
16 authorized user can retrieve it. If the End-User's request is not verifiable,
17 complete, or authorized, the Clearinghouse(s) 105 repudiates the request
18 for the decryption key.”

19 6. Downs et al. reads at column 28, lines 14-16, in
20 pertinent part:

21 “Usage Conditions—A part that contains information that
22 describes usage options, rules, and restrictions to be imposed on an End-
23 User(s) for use of the Content 113.”

24 7. Downs et al. reads at column 9, lines 51-62, in pertinent
25 part:

“A Metadata Assimilation and Entry Tool 161 is used to extract
metadata from the Content Provider(s)' Database 160 (for a music example

1 the Content 113 information such as CD title, artist name, song title, CD
2 artwork, and more) and to package it for electronic distribution. *The*
3 *Metadata Assimilation and Entry Tool 161* is also used to enter the Usage
4 *Conditions for the Content 113*. The data in Usage Conditions can include
5 copy restriction rules, the wholesale price, and any business rules deemed
6 necessary. A Watermarking Tool is used to hide data in the Content 113
7 that identifies the content owner, the processing date, and other relevant
8 data.”

9 (emphasis added)

10 8. Downs et al. reads at column 8, lines 13-29, in pertinent
11 part:

12 “Digital watermarking also provides the means to identify the
13 origin of authorized or unauthorized copies of Content. An initial
14 watermark in the Content is embedded by the content proprietor to identify
15 the content proprietor, specify copyright information, define geographic
16 distribution areas, and add other pertinent information. A second
17 watermark is embedded in the Content at the End-User Device(s) to
18 identify the content purchaser (or licensee) and End-User Device(s),
19 specify the purchase or license conditions and date, and add any other
20 pertinent information.

21 Since watermarks become an integral part of the Content, they are
22 carried in the copies independent of whether the copies were authorized or
23 not. *Thus the Digital Content always contains information regarding its*
24 *source and its permitted use regardless of where the content resides or*
25 *where it comes from.* This information may be used to combat illegal use
of the Content.”

(emphasis added)

9. Downs et al. reads at column 20, lines 51-52, in
pertinent part:

1 *"The End-User Device(s) 109 uses a License Watermark 527 to*
2 *embed the copy/play code within the Content 113. Only the End-User*
3 *Player Application 195 that is knowledgeable of the embedding algorithm*
4 *and the associated scrambling key is able to read or modify the embedded*
5 *data. The data is invisible or inaudible to a human observer; that is, the*
6 *data introduces no perceivable degradation to the Content 113. Since the*
7 *watermark survives several steps of content processing, data compression,*
8 *D-to-A and A-to-D conversion, and signal degradation introduced by*
9 *normal content handling, the watermark stays with the Content 113 in any*
10 *representation form, including analog representation."*

11 (emphasis added)

12 B. Thus, no art of record, either alone or in any combination,
13 anticipates or renders obvious at least the following elements in conjunction
14 with the other elements of their respective claims:

15 **Claim 1: an authentication module configured to access a certificate,**
16 **which indicates permissible uses of the digital content file,**
17 **associated with and separate from the digital content file**

18 **Claim 11: associating the digital content file with a certificate that**
19 **contains copyright information including at least one**
20 **indication regarding a permissible use of the digital content file**
21 **and is not a part of the digital content file.**

22 **Claim 17: configuring the certificate file with permissible use**
23 **information about the digital content file so that when the**
24 **digital content file is processed, the digital content file is**
25 **processed in accordance with the permissible use information**
 contained in the certificate file.

1 Claim 25: if the watermark signal is detected, attempting to locate a
2 certificate associated with the digital content file, the certificate
3 including copyright information having at least one indication
4 regarding a permissible use of the digital content file.

5 Claim 30: the certificate containing copyright information including
6 at least one indication regarding a permissible use of the digital
7 content file.

8 Claim 35: if the watermark is detected, attempting to locate a
9 certificate that is associated with the digital content file, the
10 certificate containing instructions regarding the digital content
11 file . . . wherein the watermark only indicates the existence of
12 the certificate.

13 Claim 43: wherein the 1-bit watermark indicates the presence of a
14 certificate associated with the digital content, the certificate
15 containing copyright information including at least one
16 indication regarding a permissible use of the digital content
17 and being stored apart from the digital content.
18
19
20
21
22
23
24
25

1 Reasons for the allowability of independent claims 1, 11, 17, 25, 30, 35, and
2 43 have been provided above. Claims 2-10, 12-16, 18-24, 26-29, 31-34, 36-42, and
3 44-47 depend from these independent claims 1, 11, 17, 25, 30, 35, and 43,
4 respectively. Although each also includes additional element(s) militating toward
5 allowability, it is respectfully submitted that these dependent claims are allowable at
6 least for the reasons given above in connection with their respective independent
7 claims.
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

CONCLUSION

It is respectfully submitted that all of the pending claims 1-47 are allowable,
and prompt action to that end is hereby requested.

Respectfully Submitted,

Date: 9/27/2005

By: Keith W. Saunders
Keith W. Saunders
Reg. No. 41,462
(509) 324-9256 x238